

# Sandro Mereghetti

## List of Publications by Year in descending order

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505  
papers

15,936  
citations

15504

65  
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26613

107  
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508  
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508  
docs citations

508  
times ranked

7206  
citing authors

#	ARTICLE	IF	CITATIONS
1	eROSITA detection of flares from the Be/X-ray binary A0538-66. <i>Astronomy and Astrophysics</i> , 2022, 661, A22.	5.1	3
2	Fitting <i>XMM-Newton</i> observations of the AXP 1RXS J170849.0+400910 with four magnetar surface emission models, and predictions for X-ray polarization observations with IXPE. <i>Astronomy and Astrophysics</i> , 2022, 658, A161.	5.1	3
3	Deep Upper Limit on the Optical Emission during a Hard X-Ray Burst from the Magnetar SGR J1935+2154. <i>Astrophysical Journal Letters</i> , 2022, 925, L16.	8.3	2
4	Thermal and non-thermal X-ray emission from the rotation-powered radio/γ-ray pulsar PSR J1740+1000. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3113-3121.	4.4	9
5	The ASTRI Mini-Array of Cherenkov telescopes at the Observatorio del Teide. <i>Journal of High Energy Astrophysics</i> , 2022, 35, 52-68.	6.7	17
6	ASTRI Mini-Array core science at the Observatorio del Teide. <i>Journal of High Energy Astrophysics</i> , 2022, 35, 1-42.	6.7	18
7	X-Ray Observation of the Roche-lobe-filling White Dwarf plus Hot Subdwarf System ZTF J213056.71+442046.5. <i>Astrophysical Journal</i> , 2022, 931, 13.	4.5	1
8	Galactic observatory science with the ASTRI Mini-Array at the Observatorio del Teide. <i>Journal of High Energy Astrophysics</i> , 2022, 35, 139-175.	6.7	4
9	Strongly pulsed thermal X-rays from a single extended hot spot on PSR J2021+4026. <i>Astronomy and Astrophysics</i> , 2021, 646, A117.	5.1	4
10	An X-ray burst from a magnetar enlightening the mechanism of fast radio bursts. <i>Nature Astronomy</i> , 2021, 5, 401-407.	10.1	104
11	New X-ray observations of the hot subdwarf binary HD 49798/RX J0648.0+4418. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 920-925.	4.4	7
12	The X-ray evolution and geometry of the 2018 outburst of XTE J1810+197. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5244-5257.	4.4	8
13	Multiwavelength investigation of the candidate Galactic PeVatron MGRO J1908+06. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2309-2315.	4.4	10
14	Multi-messenger astronomy with INTEGRAL. <i>New Astronomy Reviews</i> , 2021, 92, 101595.	12.8	6
15	Gamma ray burst studies with THESEUS. <i>Experimental Astronomy</i> , 2021, 52, 277-308.	3.7	9
16	AGILE Observations of Fast Radio Bursts. <i>Astrophysical Journal</i> , 2021, 915, 102.	4.5	11
17	Synergies of THESEUS with the large facilities of the 2030s and guest observer opportunities. <i>Experimental Astronomy</i> , 2021, 52, 407-437.	3.7	8
18	Exploration of the high-redshift universe enabled by THESEUS. <i>Experimental Astronomy</i> , 2021, 52, 219-244.	3.7	12

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19	INTEGRAL reloaded: Spacecraft, instruments and ground system. <i>New Astronomy Reviews</i> , 2021, 93, 101629.	12.8	17
20	INTEGRAL Limits on Past High-energy Activity from FRB 20200120E in M81. <i>Astrophysical Journal Letters</i> , 2021, 921, L3.	8.3	9
21	Multi-messenger astrophysics with THESEUS in the 2030s. <i>Experimental Astronomy</i> , 2021, 52, 245-275.	3.7	12
22	Candidate isolated neutron stars in the 4XMM-DR10 catalogue of X-ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1217-1226.	4.4	6
23	Time domain astronomy with the THESEUS satellite. <i>Experimental Astronomy</i> , 2021, 52, 309-406.	3.7	7
24	The THESEUS space mission: science goals, requirements and mission concept. <i>Experimental Astronomy</i> , 2021, 52, 183-218.	3.7	32
25	NICER Study of Pulsed Thermal X-Rays from Calvera: A Neutron Star Born in the Galactic Halo?. <i>Astrophysical Journal</i> , 2021, 922, 253.	4.5	8
26	Diffuse X-ray emission around an ultraluminous X-ray pulsar. <i>Nature Astronomy</i> , 2020, 4, 147-152.	10.1	16
27	The INTEGRAL view of the pulsating hard X-ray sky: from accreting and transitional millisecond pulsars to rotation-powered pulsars and magnetars. <i>New Astronomy Reviews</i> , 2020, 91, 101544.	12.8	8
28	A Very Young Radio-loud Magnetar. <i>Astrophysical Journal Letters</i> , 2020, 896, L30.	8.3	36
29	Scientific prospects for a mini-array of ASTRI telescopes: A $\hat{\Gamma}^3$ -ray TeV data challenge. <i>Journal of High Energy Astrophysics</i> , 2020, 26, 83-94.	6.7	7
30	The Ultraluminous X-Ray Sources Population of the Galaxy NGC 7456. <i>Astrophysical Journal</i> , 2020, 890, 166.	4.5	13
31	First detection of the Crab Nebula at TeV energies with a Cherenkov telescope in a dual-mirror Schwarzschild-Couder configuration: the ASTRI-Horn telescope. <i>Astronomy and Astrophysics</i> , 2020, 634, A22.	5.1	34
32	The X-Ray Outburst of the Galactic Center Magnetar over Six Years of Chandra Observations. <i>Astrophysical Journal</i> , 2020, 894, 159.	4.5	8
33	A Supernova Candidate at $z \hat{=} \hat{A}0.092$ in XMMâ€™Newton Archival Data. <i>Astrophysical Journal</i> , 2020, 898, 37.	4.5	15
34	INTEGRAL Discovery of a Burst with Associated Radio Emission from the Magnetar SGR 1935+2154. <i>Astrophysical Journal Letters</i> , 2020, 898, L29.	8.3	227
35	The X-Ray Reactivation of the Radio Bursting Magnetar SGR J1935+2154. <i>Astrophysical Journal Letters</i> , 2020, 902, L2.	8.3	22
36	INTEGRAL search for GW counterparts and the GRB170817A/GW170817 detection. <i>Rendiconti Lincei</i> , 2019, 30, 65-70.	2.2	4

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37	Awakening of the Fast-spinning Accreting Be/X-Ray Pulsar A0538â€“66<sup>âˆ—</sup>. Astrophysical Journal Letters, 2019, 881, L17.	8.3	4
38	Hot subdwarf wind models with accurate abundances. Astronomy and Astrophysics, 2019, 631, A75.	5.1	9
39	The 11Âyr of low activity of the magnetar XTE J1810âˆ“197. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3832-3838.	4.4	14
40	Physics and astrophysics of strong magnetic field systems with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	17
41	Thermal Emission and Magnetic Beaming in the Radio and X-Ray Mode-switching PSR B0943+10. Astrophysical Journal, 2019, 872, 15.	4.5	13
42	An Embedded X-Ray Source Shines through the Aspherical ATÂ2018cow: Revealing the Inner Workings of the Most Luminous Fast-evolving Optical Transients. Astrophysical Journal, 2019, 872, 18.	4.5	160
43	The multi-outburst activity of the magnetar in WesterlundÂI. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2931-2943.	4.4	7
44	AGILE Detection of Gamma-Ray Sources Coincident with Cosmic Neutrino Events. Astrophysical Journal, 2019, 870, 136.	4.5	16
45	Follow-up observations of X-ray emitting hot subdwarf stars: the compact He-poor sdO star Feige 34. Astronomy and Astrophysics, 2019, 626, A29.	5.1	1
46	Detailed X-ray spectroscopy of the magnetar 1E 2259+586. Astronomy and Astrophysics, 2019, 626, A39.	5.1	8
47	Exploring the role of X-ray reprocessing and irradiation in the anomalous bright optical outbursts of A0538âˆ“66. Astronomy and Astrophysics, 2019, 624, A9.	5.1	6
48	<i>XMM-Newton</i> observations of PSR J0726âˆ“2612, a radio-loud XDINS. Astronomy and Astrophysics, 2019, 627, A69.	5.1	14
49	The First Orbital Period of a Very Bright and Fast Nova in M31: M31N 2013-01b. Astrophysical Journal, 2018, 866, 125.	4.5	0
50	Spectral analysis of SXP59.0 during its 2017 outburst and properties of the soft excess in X-ray binary pulsars. Astronomy and Astrophysics, 2018, 619, A126.	5.1	3
51	A new X-ray look into four old pulsars. Astronomy and Astrophysics, 2018, 615, A73.	5.1	15
52	Discovery of X-Rays from the Old and Faint Pulsar J1154â€“6250. Astrophysical Journal, 2018, 865, 116.	4.5	5
53	A faint outburst of the accreting millisecond X-ray pulsar SAX J1748.9-2021 in NGC 6440. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4084-4090.	4.4	6
54	The THESEUS space mission concept: science case, design and expected performances. Advances in Space Research, 2018, 62, 191-244.	2.6	133

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55	Spectral analysis of IGR J01572+7259 during its 2016 outburst. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1382-1391.	4.4	2
56	Science with e-ASTROGAM. Journal of High Energy Astrophysics, 2018, 19, 1-106.	6.7	177
57	The two ultraluminous X-ray sources in the galaxy NGC 925. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4271-4277.	4.4	8
58	A universal relation for the propeller mechanisms in magnetic rotating stars at different scales. Astronomy and Astrophysics, 2018, 610, A46.	5.1	38
59	A new ultraluminous X-ray source in the galaxy NGC 5907. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 477, L90-L95.	3.3	20
60	EXTraS discovery of a peculiar flaring X-ray source in the Galactic globular cluster NGC 6540. Astronomy and Astrophysics, 2018, 616, A36.	5.1	3
61	The e-ASTROGAM gamma-ray space observatory for the multimessenger astronomy of the 2030s. , 2018, , .		6
62	Pulsar-Wind Nebulae and Magnetar Outflows: Observations at Radio, X-Ray, and Gamma-Ray Wavelengths. Space Science Reviews, 2017, 207, 175-234.	8.1	56
63	The e-ASTROGAM mission. Experimental Astronomy, 2017, 44, 25-82.	3.7	167
64	INTEGRAL Detection of the First Prompt Gamma-Ray Signal Coincident with the Gravitational-wave Event GW170817. Astrophysical Journal Letters, 2017, 848, L15.	8.3	647
65	Swift monitoring of the massive X-ray binary SAX J0635.2+0533. Astronomy and Astrophysics, 2017, 602, A114.	5.1	4
66	AGILE Detection of a Candidate Gamma-Ray Precursor to the ICECUBE-160731 Neutrino Event. Astrophysical Journal, 2017, 846, 121.	4.5	31
67	INTEGRAL Observations of GW170104. Astrophysical Journal Letters, 2017, 846, L23.	8.3	12
68	Pulsator-like Spectra from Ultraluminous X-Ray Sources and the Search for More Ultraluminous Pulsars. Astrophysical Journal, 2017, 836, 113.	4.5	82
69	The Radio and X-ray Mode-Switching Pulsar PSR B0943+10. Journal of Astrophysics and Astronomy, 2017, 38, 1.	1.0	4
70	The effect of X-ray dust scattering on a bright burst from the magnetar 1E 1547.0+5408. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3467-3474.	4.4	8
71	The lack of X-ray pulsations in the extreme helium star BD+37°442 and its possible stellar wind X-ray emission. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2918-2921.	4.4	4
72	Investigating the nature of the INTEGRAL gamma-ray bursts and sub-threshold triggers with Swift follow-up. Monthly Notices of the Royal Astronomical Society, 2017, 470, 314-323.	4.4	5

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73	Chandra monitoring of the Galactic Centre magnetar SGR J1745-2900 during the initial 3.5 years of outburst decay. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1819-1829.	4.4	28
74	Behind the dust curtain: the spectacular case of GRB 160623A. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1465-1472.	4.4	12
75	News on the X-ray emission from hot subdwarf stars. Open Astronomy, 2017, 26, .	0.6	0
76	INTEGRAL IBIS, SPI, and JEM-X observations of LVT151012. Astronomy and Astrophysics, 2017, 603, A46.	5.1	19
77	X-rays from the mode-switching PSR B0943+10. Proceedings of the International Astronomical Union, 2017, 13, 62-65.	0.0	1
78	X-ray properties of the mode-switching pulsar PSR B0943+10. Journal of Physics: Conference Series, 2017, 932, 012009.	0.4	0
79	Pulsar-Wind Nebulae and Magnetar Outflows: Observations at Radio, X-Ray, and Gamma-Ray Wavelengths. Space Sciences Series of ISSI, 2017, , 175-234.	0.0	0
80	Optical and near-infrared photometric monitoring of the transient X-ray binary A0538-66 with REM. Astronomy and Astrophysics, 2016, 595, A103.	5.1	7
81	A new investigation of the possible X-ray counterparts of the magnetar candidate AX J1845-0258. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1033-1038.	4.4	1
82	X-rays from hot subdwarfs. Advances in Space Research, 2016, 58, 809-820.	2.6	10
83	INTEGRAL UPPER LIMITS ON GAMMA-RAY EMISSION ASSOCIATED WITH THE GRAVITATIONAL WAVE EVENT GW150914. Astrophysical Journal Letters, 2016, 820, L36.	8.3	94
84	The e-ASTROGAM gamma-ray space mission. Proceedings of SPIE, 2016, , .	0.8	24
85	A DEEP CAMPAIGN TO CHARACTERIZE THE SYNCHRONOUS RADIO/X-RAY MODE SWITCHING OF PSR B0943+10. Astrophysical Journal, 2016, 831, 21.	4.5	40
86	Discovery of spin-up in the X-ray pulsar companion of the hot subdwarf HD 49798. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3523-3527.	4.4	24
87	AGILE OBSERVATIONS OF THE GRAVITATIONAL-WAVE EVENT GW150914. Astrophysical Journal Letters, 2016, 825, L4.	8.3	44
88	The outburst decay of the low magnetic field magnetar SWIFT J1822.3-1606: phase-resolved analysis and evidence for a variable cyclotron feature. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4145-4155.	4.4	40
89	The variable spin-down rate of the transient magnetar XTE J1810-197. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2088-2093.	4.4	24
90	The discovery, monitoring and environment of SGR J1935+2154. Monthly Notices of the Royal Astronomical Society, 2016, 457, 3448-3456.	4.4	98

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91	Magnetars: Properties, Origin and Evolution. Space Sciences Series of ISSI, 2016, , 321-344.	0.0	1
92	Magnetic Fields of Neutron Stars in X-Ray Binaries. Space Sciences Series of ISSI, 2016, , 299-320.	0.0	5
93	RX J0648.0+4418: THE FASTEST-SPINNING WHITE DWARF. , 2015, , .		1
94	Properties and observability of glitches and anti-glitches in accreting pulsars. Astronomy and Astrophysics, 2015, 578, A52.	5.1	9
95	Spectral properties of the soft excess pulsar RX J0059.2+7138 during its 2013 outburst. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3710-3718.	4.4	5
96	Follow-up observations of X-ray emitting hot subdwarf stars: the He-rich sdO BD+37°1977. Astronomy and Astrophysics, 2015, 580, A56.	5.1	8
97	Enhanced detection of terrestrial gamma-ray flashes by AGILE. Geophysical Research Letters, 2015, 42, 9481-9487.	4.0	45
98	The X-ray outburst of the Galactic Centre magnetar SGR J1745-2900 during the first 1.5 year. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2685-2699.	4.4	45
99	Magnetic Fields of Neutron Stars in X-Ray Binaries. Space Science Reviews, 2015, 191, 293-314.	8.1	38
100	Accessing the population of high-redshift Gamma Ray Bursts. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2514-2524.	4.4	29
101	Magnetars: Properties, Origin and Evolution. Space Science Reviews, 2015, 191, 315-338.	8.1	156
102	On the magnetic fields of Be/X-ray pulsars in the Small Magellanic Cloud: Figure 1.. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3760-3765.	4.4	13
103	Ten years of INTEGRAL observations of the hard X-ray emission from SGR 1900+14. Astronomy and Astrophysics, 2015, 583, A113.	5.1	2
104	The return to quiescence of Aql X-1 following the 2010 outburst. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1984-1991.	4.4	48
105	Constraints on the winds of hot subdwarf stars from X-ray observations of two sdB binaries with compact companions: CD -30° 11223 and PG 1232-136. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2684-2690.	4.4	9
106	A phase-variable absorption feature in the X-ray spectrum of the magnetar SGR 0418+5729. Astronomische Nachrichten, 2014, 335, 274-279.	1.2	2
107	Quiescent state and outburst evolution of SGR 0501+4516. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3291-3298.	4.4	26
108	The Large Observatory for x-ray timing. Proceedings of SPIE, 2014, , .	0.8	10

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109	Properties of terrestrial gamma ray flashes detected by AGILE MCAL below 30 MeV. Journal of Geophysical Research: Space Physics, 2014, 119, 1337-1355.	2.4	66
110	Searching for small-scale diffuse emission around SGR 1806-20. Journal of High Energy Astrophysics, 2014, 3-4, 41-46.	6.7	6
111	A search for lines in the bright X-ray afterglow of GRB 120711A. Astronomy and Astrophysics, 2014, 563, A6.	5.1	6
112	Three new X-ray emitting O-type subdwarf stars discovered with Chandra. Astronomy and Astrophysics, 2014, 566, A4.	5.1	13
113	Pulsars and Magnetars. Brazilian Journal of Physics, 2013, 43, 356-368.	1.4	33
114	A variable absorption feature in the X-ray spectrum of a magnetar. Nature, 2013, 500, 312-314.	27.8	157
115	VARIABLE GAMMA-RAY EMISSION FROM THE CRAB NEBULA: SHORT FLARES AND LONG "WAVES". Astrophysical Journal, 2013, 765, 52.	4.5	53
116	GOLIA: An INTEGRAL archive at INAF IASF Milano. Astronomy and Computing, 2013, 1, 33-39.	1.7	12
117	X-ray and radio observations of the magnetar Swift J1834.9+0846 and its dust-scattering halo. Monthly Notices of the Royal Astronomical Society, 2013, 429, 3123-3132.	4.4	27
118	A STRONGLY MAGNETIZED PULSAR WITHIN THE GRASP OF THE MILKY WAY'S SUPERMASSIVE BLACK HOLE. Astrophysical Journal Letters, 2013, 775, L34.	8.3	96
119	A-STAR: The All-Sky Transient Astrophysics Reporter. EAS Publications Series, 2013, 61, 625-631.	0.3	3
120	The variable X-ray emission of PSR B0943+10. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2568-2573.	4.4	12
121	An updated list of AGILE bright $\gamma$ -ray sources and their variability in pointing mode. Astronomy and Astrophysics, 2013, 558, A137.	5.1	13
122	Calibration of AGILE-GRID with in-flight data and Monte Carlo simulations. Astronomy and Astrophysics, 2013, 558, A37.	5.1	14
123	AGILE mini-calorimeter gamma-ray burst catalog. Astronomy and Astrophysics, 2013, 553, A33.	5.1	20
124	X-ray emission from the luminous O-type subdwarf HD 49798 and its compact companion. Astronomy and Astrophysics, 2013, 553, A46.	5.1	24
125	X-ray emission from hot subdwarfs with compact companions. EPJ Web of Conferences, 2013, 43, 04003.	0.3	0
126	Calibration of AGILE-GRID with in-flight data and Monte Carlo simulations. Proceedings of SPIE, 2012, , .	0.8	1



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127	AGILE detection of Cygnus X-3 $\gamma$ -ray active states during the period mid-2009/mid-2010. <i>Astronomy and Astrophysics</i> , 2012, 538, A63.	5.1	29
128	A NEW LOW MAGNETIC FIELD MAGNETAR: THE 2011 OUTBURST OF SWIFT J1822.3â€“1606. <i>Astrophysical Journal</i> , 2012, 754, 27.	4.5	116
129	A new low-B magnetar: Swift J1822.3â€“1606. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 353-355.	0.0	0
130	The characterization of the distant blazar GB6 J1239+0443 from flaring and low activity periods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2015-2026.	4.4	10
131	The Large Observatory for X-ray Timing (LOFT). <i>Experimental Astronomy</i> , 2012, 34, 415-444.	3.7	168
132	On-ground calibration of AGILE-GRID with a photon beam: results and lessons for the future. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
133	The XMM-Newton survey of the Small Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2012, 545, A128.	5.1	52
134	The magnetar candidate AX J1818.8â€“1559. <i>Astronomy and Astrophysics</i> , 2012, 546, A30.	5.1	6
135	DISCOVERY OF A COMPACT COMPANION TO THE HOT SUBDWARF STAR BD +37Â° 442. <i>Astrophysical Journal Letters</i> , 2012, 750, L34.	8.3	17
136	A new super-soft X-ray source in the Small Magellanic Cloud: Discovery of the first Be/white dwarf system in the SMC?. <i>Astronomy and Astrophysics</i> , 2012, 537, A76.	5.1	27
137	Upper limits on the high-energy emission from gamma-ray bursts observed by AGILE-GRID. <i>Astronomy and Astrophysics</i> , 2012, 547, A95.	5.1	10
138	The XMM-Newton view of supergiant fast X-ray transients: the case of IGR J16418â€“4532. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 554-561.	4.4	29
139	A time-variable, phase-dependent emission line in the X-ray spectrum of the isolated neutron star RX J0822â€“4300. <i>Monthly Notices of the Royal Astronomical Society Letters</i> , 2012, 421, L72-L76.	3.3	17
140	Characterization of a tagged $\gamma$ -ray beam line at the DAΦNE Test Facility. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators</i> , 2012, 648, 100-104.	1.6	8
141	The XMM-Newton survey of the Small Magellanic Cloud: XMMU J010633.1â€“731543 and XMMU J010743.1â€“715953, two new Be/X-ray binary systemsâ€“.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 282-292.	4.4	19
142	XMM-Newton observation of the persistent Be/NS X-ray binary pulsar RX J0440.9+4431. <i>Astronomy and Astrophysics</i> , 2012, 539, A82.	5.1	18
143	Spectral monitoring of RX J1856.5-3754 with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2012, 541, A66.	5.1	39
144	High spatial resolution correlation of AGILE TGFs and global lightning activity above the equatorial belt. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	32

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145	Discovery of Powerful Gamma-Ray Flares from the Crab Nebula. <i>Science</i> , 2011, 331, 736-739.	12.6	290
146	THE CRAB NEBULA SUPER-FLARE IN 2011 APRIL: EXTREMELY FAST PARTICLE ACCELERATION AND GAMMA-RAY EMISSION. <i>Astrophysical Journal Letters</i> , 2011, 741, L5.	8.3	53
147	Study of the $\gamma$ -ray source 1AGL J2022+4032 in the Cygnus region. <i>Astronomy and Astrophysics</i> , 2011, 525, A33.	5.1	14
148	Search for X-ray emission from subdwarf B stars with compact companion candidates. <i>Astronomy and Astrophysics</i> , 2011, 536, A69.	5.1	11
149	IKT 16: a composite supernova remnant in the Small Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2011, 530, A132.	5.1	21
150	The AGILE observations of the hard and bright GRB 100724B. <i>Astronomy and Astrophysics</i> , 2011, 535, A120.	5.1	18
151	HST and VLT observations of the neutron star 1E 1207.4-5209. <i>Astronomy and Astrophysics</i> , 2011, 525, A106.	5.1	12
152	The XMM-Newton survey of the Small Magellanic Cloud: discovery of the 11.866 s Be/X-ray binary pulsar XMMU J004814.0-732204(SXP11.87). <i>Astronomy and Astrophysics</i> , 2011, 527, A131.	5.1	13
153	Highly absorbed X-ray binaries in the Small Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2011, 532, A153.	5.1	7
154	The XMM-Newton survey of the Small Magellanic Cloud: a new X-ray view of the symbiotic binary SMC 3. <i>Astronomy and Astrophysics</i> , 2011, 529, A152.	5.1	9
155	NEUTRAL PION EMISSION FROM ACCELERATED PROTONS IN THE SUPERNOVA REMNANT W44. <i>Astrophysical Journal Letters</i> , 2011, 742, L30.	8.3	182
156	The Progenitor of a Type Ia Supernova with a Short Delay Time?. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 68-71.	0.0	0
157	SPECTRAL EVOLUTION OF THE 2010 SEPTEMBER GAMMA-RAY FLARE FROM THE CRAB NEBULA. <i>Astrophysical Journal Letters</i> , 2011, 732, L22.	8.3	15
158	X-RAY AND OPTICAL OBSERVATIONS OF THE UNIQUE BINARY SYSTEM HD 49798/RX J0648.0-4418. <i>Astrophysical Journal</i> , 2011, 737, 51.	4.5	43
159	AGILE detection of extreme $\gamma$ -ray activity from the blazar PKS 1510-089 during March 2009. <i>Astronomy and Astrophysics</i> , 2011, 529, A145.	5.1	62
160	Multi-instrument X-ray monitoring of the January 2009 outburst from the recurrent magnetar candidate 1E 1547.0-5408. <i>Astronomy and Astrophysics</i> , 2011, 529, A19.	5.1	41
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